

Substitute for Form 1449A/PTO

# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 4

Complete if Known

Application Number: 09/758,070

Filing Date: 01/06/2001

First Named Inventor: Paul D. Taylor

Art Unit: 1634

Examiner Name: GUNTER, David

Attorney Docket Number: P-5143

Confirmation No: 6470

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## **U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL	CITE NO.	DOCUMENT NUMBER - KIND CODE (IF KNOWN)	PUBLICATION DATE MM/DD/YYYY	NAME OF PATENTEE OR APPLICANT OF CITED DOCUMENT	PAGES, COLUMNS, LINES, WHERE RELEVANT PASSAGES OR RELEVANT FIGURES APPEAR CLASS SUB
P		4,936,974	06/26/1990	Rose, et al.	
P		4,959,176	09/25/2990	Slocum, et al.	
P		5,585,236	12/17/1996	Bonn, et al.	
P		5,624,798	04/29/1997	Yamamoto, et al.	
P		5,633,129	05/27/1997	Karger, et al.	
P		5,795,976	08/18/1998	Oefner, et al.	
P		5,801,237	09/01/1998	Johansson	
P		5,856,192	01/05/1999	Bloch	
P		5,866,429	02/02/1999	Bloch	
P		6,265,168	07/24/2001	Gjerde, et al.	
P		6,287,822	09/11/2001	Gjerde, et al.	

## **FOREIGN PATENT DOCUMENTS**

*EXAMINER INITIAL	CITE NO.	DOCUMENT NUMBER - KIND CODE (IF KNOWN)	PUBLICATION DATE MM/DD/YYYY	NAME OF PATENTEE OR APPLICANT OF CITED DOCUMENT	PAGES, COLUMNS, LINES, WHERE RELEVANT PASSAGES OR RELEVANT FIGURES APPEAR CLASS SUB	T
P		0 270 017 A2	06/08/1998	EPC		
		0 507 591 A2	10/07/1992	EPC		
		WO 91/00145	01/10/1991	PCT		
		WO 97/19347	05/29/1997	PCT		

EXAMINER SIGNATURE

Johanne Sitter

DATE CONSIDERED

7/16/2004

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# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

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Sheet 2 of 4

*Complete if Known*

Application Number: 09/756,070  
 Filing Date: 01/06/2001  
 First Named Inventor: Paul D. Taylor  
 Art Unit: 1634  
 Examiner Name: GUNTER, David R.  
 Attorney Docket Number: P-514  
 Confirmation No: 6470

## **U.S. PATENT DOCUMENTS**

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## **FOREIGN PATENT DOCUMENTS**

*EXAMINER INITIAL	CITE NO.	DOCUMENT NUMBER - KIND CODE (IF KNOWN)	PUBLICATION DATE MM/DD/YYYY	NAME OF PATENTEE OR APPLICANT OF CITED DOCUMENT	PAGES, COLUMNS, LINES, WHERE RELEVANT PASSAGES OR RELEVANT FIGURES APPEAR CLASS SUB		T
JP		WO 00/50759	08/31/2000	PCT	—		
JP		WO 01/27331	04/19/2001	PCT	—		

EXAMINER SIGNATURE

*Jehanne Sittler*

DATE CONSIDERED

*7/16/04*



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# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 3 of 4

*Complete if Known*

Application Number: 09/756,070  
Filing Date: 01/06/2001  
First Named Inventor: Paul D. Taylor  
Art Unit: 1634  
Examiner Name: GUNTER, David R.  
Attorney Docket Number: P-514  
Confirmation No: 6470

## **OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS**

*EXAMINER INITIAL	CITE NO.	Include name of the author (in CAPITAL LETTERS), Title of the item, date, page(s), volume-issue numbers, publisher, city and/or country where published
cp		Ausserer, W., et al., BioTechniques, 19:1 pp 136-139 (1995)
		Bio-Rad Chromatography: The History Behind UNO, pages 1 - 8 (downloaded 4/20/2000)
		Bio-Rad Chromatography - Biochromatography Columns, Nucleotide and Oligonucleotide Separations on an UNO Q1 Ion Exchange Column, 4 pages
		Brownlee, R.G., et al., Journal of Chromatography, 533:87-96 (1990)
		Colpan, M., et al., Journal of Chromatography, 296:339-353 (1984)
		Drager et al. HIGH-PERFORMANCE ANION-EXCHANGE CHROMATPGRAPHY OF OLIGONUCLEOTIDES, Analytical Biochemistry, 145:47-56 (1985)
		Ellegren, H., et al., Journal of Chromatography, 467:217-226 (1989)
		Eriksson et al. SEPARATION OF DNA RESTRICTION FRAGMENTS BY ION-PAIR CHROMATOGRAPHY, Journal of Chromatography, 359:265-274 (1986)
		Haupt, W., et al., COMPARISON OF SEVERAL HIGH-PERFORMANCE LIQUID CHROMATOGRAPHY TECHNIQUES FOR THE SEPARATION OF OLIGODEOXYNUCLEOTIDES ACCORDING TO THEIR CHAIN LENGHTS, Journal of Chromatography, 260:419-427 (1983)
		Huber et al., A Comparison of Micropellicular Anion-Exchange and Reversed-Phase Stationary Phases for HPLC Analysis of Oligonucleotides, LC-GC 14:114-127 (1996)
		Kato et al. SEPARATION OF DNA RESTRICTION FRAGMENTS BY HIGH-PREFORMANCE ION-EXCHANGE CHROMATOGRAPHY ON A NON-POROUS ION EXCHANGER, Journal of Chromatography, 478: 264-268 (1989)
		Kleymenova, E., et al., APPLICATION OF HIGH PREFORMANCE LIQUID CHROMATOGRAPHY-BASED ANALYSIS OF DNA FRAGMENTS TO MOLECULAR CARCINOGENESIS, Molecular Carcinogenesis, 29:51-58 (2000)
		Li, J., et al., NOVEL POLYMERIC RESINS FOR ANION-EXCHANGE CHROMATOGRAPHY, Journal of Chromatography A, 793:231-238 (1998)
		Lloyd et al., ANALYSIS OF DNA AND DEGRADATION PRODUCTS USING A POLYMERIC STRONG ANION EXCHANGER, 8th International Symposium of HPLC of Proteins, Peptides and Polynucleotides Copenhagen, Denmark, 10/31-11/2 (1988)
		Lloyd, L., et al., OLIGONUCLEOTIDE ANALYSIS BY ANION EXCHANGE HPLC, Bioseparation, 2:207-215 (1991)
		Maa et al, RAPID HIGH-PERFORMANCE LIQUID CHROMATOGRAPHY OF NCLEIC ACIDS WITH POLYSTYRENE-BASED MICROPELLICULAR ANION EXCHANGERS, Journal of Chromatography, 508:61-73 (1990)

Examiner

*Johanne Sittler*

DATE CONSIDERED

*7/16/04*